

# Michael & Nicole Carlisle Property Household Sewage Treatment & Onsite Disposal System

Stormwater Management Plan  
Approved as shown and/or noted  
JAMES R. GILLS, P.E.  
County Drainage Engineer  
By LS Date 10/18/11

SITE LOCATION:  
10180 Orchard Drive  
Kirtland, OH 44094  
Lake County, State of Ohio

**Ohio Administrative Code Chapter 3701-29**  
These drawings were prepared in accordance with:

The Ohio Department of Health (ODH) Special Device Approval  
per OAC 3701-29-20(C) Drip Distribution for Sewage Treatment Systems

Lake County Board of Health (LCBH) regulations for  
Household Sewage Disposal Systems  
Adopted by the Lake County Board of Health September 4th 2007.

ODH Special Device design criteria for Drip distribution may be viewed online at:  
<http://www.odh.ohio.gov/ASSETS/B2709AF5A157491FA24C4A495436D785/DDsd1207.pdf>

LCBH Regulations may be viewed online at:  
[http://www.lcghd.org/documents/lcghd\\_final\\_rules.pdf](http://www.lcghd.org/documents/lcghd_final_rules.pdf)

## Contractor

Contractor shall provide the Engineer with pictures and  
dimensioned markup of Engineer's plan. **Drip Distribution Plan Submittal Review**  
changes to the system. As-built will be provided  
to the County if required.

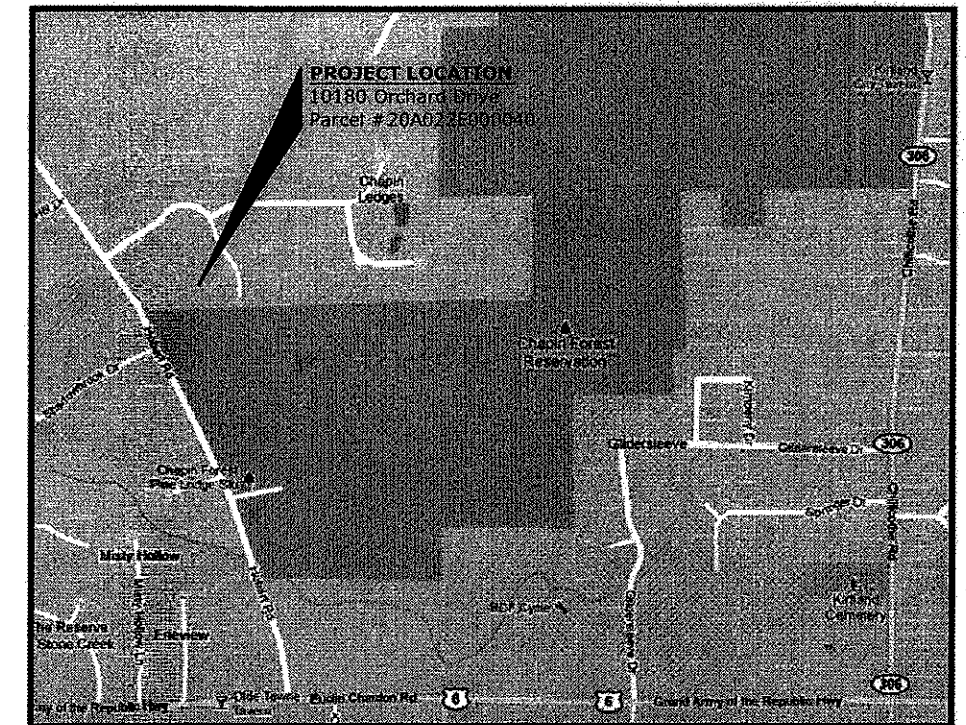
## Prepared For:

Otero Signature Homes  
8859 E. Washington St.  
Bainbridge, OH

## Prepared By:

HESS & ASSOCIATES  
ENGINEERING INC.  
12121 Kinsman Road  
Newbury, Ohio 44065  
Tel (440)564-8008 Fax (440)564-8176

October 4, 2011



## VICINITY MAP

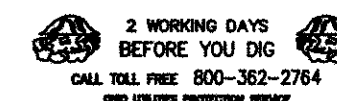
NO SCALE

INDEX OF SHEETS	
SHEET	DESCRIPTION
1	TITLE SHEET
2	SITE PLAN
3	ATU/DRIP ZONE PLAN & HYDRAULIC PROFILE
4	PRETREATMENT COMPONENT DETAILS
5	DRIP SYSTEM COMPONENT DETAILS
6	DOSE TANK DETAILS & INSTALLATION NOTES



HESS & ASSOCIATES ENGINEERING, INC.

GEORGE J. HESS II, P.E. DATE 10/4/11



Revision	Date	Initial	Description

HESS Project #11-079-Jameson Property

1 of 6

Date Name

Drip distribution area has been field  
verified and protected with marking tape

Plans submitted to LCGHD and meet  
design criteria

Hydraulic calculations verified and accurate  
Add 1" sand over tubing

10-7-11

D. O. L.

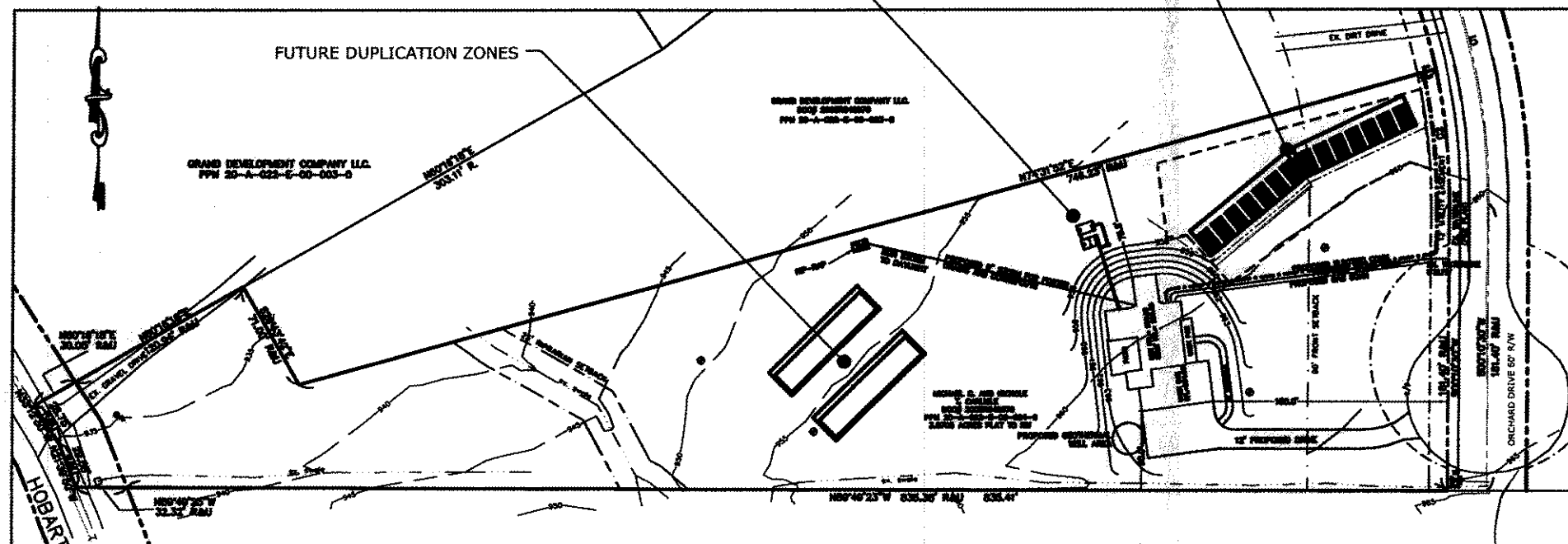
10-7-11

D. O. L.

10-7-11

NEW HOUSEHOLD SEWAGE  
TREATMENT SYSTEM (HSTS)  
(see detail on drawing 4 & 6)

PRIMARY DRIP  
DISTRIBUTION ZONES



## SITE PLAN

SCALE: 1"=100'

MICHAEL C. AND NICHOLE T. CARLISLE  
DOC# 2005R046076  
PPN 20-A-022-E-00-004-0  
3.0705 ACRES PLAT TO RW

## Drip Distribution Assurance Party & Details Provided By:



P.O. BOX  
NEWBURY, OHIO 44065  
OFFICE: (440) 564-8008  
FAX: (440) 564-8176  
EMAIL: WWS@ACTIVEWS.COM

HESS & ASSOCIATES ENGINEERING, INC.  
12121 KINSMAN ROAD, NEWBURY, OHIO 44065  
Tel: (440) 564-8008 Fax: (440) 564-8176



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